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MONTHLY REPORT

1 September - 30 September 1956

Materiel Support Branch  
Engineering Division

I PROJECTS AND ACTIVITIES

1. BRANCH

a. SPD is revising its supply procedure to make better use of MSB facilities. This will reduce misunderstandings, which have arisen from dual and illdefined responsibilities.

2. LIAISON ACTIVITY

a. Twenty-eight Liaison tasks were completed during the reporting period.

3. STOCK MANAGEMENT & REQUIREMENTS SECTION

a. The MSB "Phased Quarterly Procurement Program" for the first quarter of FY-57 has been completed, except these items which are no longer in production. We are awaiting recommendations from SEB for new standard items. The Diesel Generators, which were to be procured in the first quarter, were rescheduled for second quarter procurement.

b. No progress has been made during this reporting period on the "Parts Peculiar" program for the RS-1. This program will be reactivated as soon as circumstances and/or workload permit.

c. The Packaging and Identification program is progressing satisfactorily. Group 5935 (connectors) is currently being identified and packaged. To date, 229 line items have been checked and a total of 65 discrepancies have been uncovered. These are in the process of being corrected.

d. Research and analysis leading to the publication of "Maintenance Parts Lists" has been at a standstill during this reporting period. This is due, primarily, to the absence of [REDACTED] from duty and the shortage of personnel needed to do the job.

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#### 4. FIELD SUPPORT SECTION

a. A new and simplified method has been established for the transmittal of supplies and Requisition Status Reports. In place of the regular dispatch, a simple "Transmittal Notice" is now used.

#### 5. LIBRARY

a. During the period 1 September 1956 through 30 September 1956, the Library received and processed eight hundred and seventy-seven (877) written and/or verbal requests for reference services, technical information, and/or procurement of documents and publications.

b. The Engineering Library in turn submitted:

Twenty-four (24) requests to OCR/Library for loan of books and documents.

Nine (9) requests to OCR/Liaison Division for classified material.

Sixty-one (61) requests to ASTIA for documents.

One hundred and twenty-three (123) requests to OCR/Book Order for purchase of publications.

Thirty-seven (37) memos requesting technical information be obtained from U. S. commercial concerns.

c. In addition, routine clerical, administrative, and other library duties were performed.

#### 6. TEST & INSPECTION SECTION

a. The following figures represent the quantity of equipment processed by T&I shops during the month:

Receiving	HQ.	ECW	BRW	TOTAL
Orders	100	26	25	151
Items	315	29	54	398
Pieces	3,171	133	1,573	4,877

#### Cargo:

Vouchers	143	8	18	169
Items	610	15	31	656
Pieces	8,831	76	1,268	10,175

#### PTI's

Vouchers	6	6
Items	15	15
Pieces	347	347

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Receiving	HQ.	ECW	BRW	TOTAL (Cont'd)
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Job Orders:

Quantity	4			4
Items	14			14
Pieces	38			38

In addition to the above, two pieces of equipment were repaired for other sections.

b. A variable frequency power supply returned by R&D Section as being unsatisfactory to their requirements, was accepted by T&I for modification. Modifications recommended by the manufacturer were inadequate to make the instrument acceptable. A major circuit rearrangement was required to improve the original poor design. The instrument has now been returned to R&D in a greatly improved condition.

c. ECW, T&I

(1) The status of the two 20-position stations is as follows:

Total cases required for [REDACTED] stations	901
Assembled	799
Packed and stencil	680

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(2) Mr. [REDACTED] Chief T&I, ECW, reports the drop in the quantity of material received at the depot is due to a truck strike in that state.

d. Crystal Laboratory Unit

(1) The Crystal Laboratory processed a total of two thousand three hundred and eighty eight (2,388) quartz crystal units. Sixty (60) units of this total were processed to a close tolerance of plus or minus .005%. One thousand five hundred and seventy eight (1,578) of this total were the new modified CR-18/U quartz crystal units received from the contractor and these were inspected and found to conform to contract specifications. Seven hundred and fifty (750) of the total were returned by OC-0 as surplus from cancelled Signal plans. These units were sorted and returned to the laboratory bin stock.

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(2) Two new lapping machines were received and installed for grinding high frequency crystals in the range of 8 to 20 mc on fundamentals and above 20 mc for third and fifth overmode crystals. Processing procedures and techniques will be studied during the next month on grinding high frequency quartz plates and it is anticipated that a few units will be assembled and tested.

e. One hundred sixty (160) hours authorized overtime was worked this month.

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f. [REDACTED] T&I, in charge of Inspection and Identification for the Packaging Team reports approximately sixty per cent (60%) of Group 5935 (Connectors) completed.

II. ADMINISTRATIVE

PCS: [REDACTED]

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TDY: [REDACTED] to ECW, 26 September 1956.

EOD: [REDACTED] 18 September 1956.

III. OTHER

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a. [REDACTED] has been attending the Basic Supervision Course from 24 September to 5 October 1956.

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b. [REDACTED] have been attending the Logistics Course from 10 September to 5 October 1956.

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[REDACTED]  
Chief, Materiel Support Branch

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OC-E/MSB/[REDACTED]:bab (8 October 1956)

Distribution:

Orig. & 2 Addressees

1 T&I

1 SM&RS

1 OC-E/MSB

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